

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instruction and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington DC 20460. Do not send the form to this address.

DATA MATRIX				
Date: November 6, 2020		EPA Reg. No./ File Symbol: 64744-XX	Page 1 of 5	
Applicant's/Registrant's Name and Address:	Spiess-Urania Chemicals GmbH	Product:		
	C/O Wagner Regulatory Associates, Inc. P.O, Box 640, 7217 Lancaster Pike, Suite A Hockessin, DE 19707	Basic Copper Carbonate		
Ingredient: Basic Copper Carbonate (PC Code 2	,			

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT SPECIFIC					
	materials Used to Produce the Product	51318401	SPIESS-URANIA CHEMICALS GMBH	OWN	
830.1630	Description of Froduction Frocess	21218/01	SPIESS-URANIA CHEMICALS GMBH	OWN	
30 10 10	Discussion of Formation of Impurities	513184	SPIESS-URANIA CHEMICALS GMBH	OWN	
30 00		184	SPIESS-URANIA CHEMICALS GMBH	OWN	,
30. 50		5 184	SPIESS-URANIA CHEMICALS GMBH	OWN	
30.000		184	SPIESS-URANIA CHEMICALS GMBH	OWN	
30 602		184	SPIESS-URANIA CHEMICALS GMBH	OWN	
30 = 03		184	SPIESS-URANIA CHEMICALS GMBH	OWN	
30 604		184	SPIESS-URANIA CHEMICALS GMBH	OWN	,
[E 0   13		- 638 5	COPPER SULFATE TASK FORCE	OLD	
8 0 14		184	SPIESS-URANIA CHEMICALS GMBH	OWN	
E 0 m 15		184	SPIESS-URANIA CHEMICALS GMBH	OWN	
8 0 6 16		184	SPIESS-URANIA CHEMICALS GMBH	OWN	,
8.0 17		184	SPIESS-URANIA CHEMICALS GMBH	OWN	
E 0 m 19		184	SPIESS-URANIA CHEMICALS GMBH	OWN	
£ 0 m 20		184	SPIESS-URANIA CHEMICALS GMBH	OWN	
8 0 8 21		184	SPIESS-URANIA CHEMICALS GMBH	OWN	
[8 0 00		184	SPIESS-URANIA CHEMICALS GMBH	OWN	
[8.0 50		4 638	COPPER SULFATE TASK FORCE	OLD	
E (7110)			SPIESS-URANIA CHEMICALS GMBH	OWN	
1.0.72 (0,000)	Melting Point/Boiling Point	51813407	SPIESS-URANIA CHEMICALS GMBH	OWN	
8.0.00	Relative Density	513184	SPIESS-URANIA CHEMICALS GMBH	OWN	
830.7510	Dissociation Constant	51219/106	SPIESS-URANIA CHEMICALS GMBH	OWN	
859.7520	Dauticle Size Distribution	51318401	SPIESS-URANIA CHEMICALS GMBH	OWN	

Sign	ature ( )	Name and Title	Date	1
	(Rachel Herden	Rachel L Hardie, Agent	November 6, 2020	1



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Ingredient: Basic Copper Carbonate (PC Code 22901)				

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	(0)6	51318408	SPIESS-URANIA CHEMICALS GMBH	OWN	
83 1 72-0. 21 712/31	Salukiling	9100000	SPIESS-URANIA CHEMICALS GMBH	OWN	
		5100000014	SPIESS-URANIA CHEMICALS GMBH	OWN	
SE 0.7950	Vapor Pressure	51318408	SPIESS-URANIA CHEMICALS GMBH	OWN	
0.1100		124.09	SPIESS-URANIA CHEMICALS GMBH	OWN	
0.1200		8410	SPIESS-URANIA CHEMICALS GMBH	OWN	
170.1800		0.0410.14	SPIESS-URANIA CHEMICALS GMBH	OWN	
0.2400		11412	SPIESS-URANIA CHEMICALS GMBH	OWN	
7.0.2500		18413	SPIESS-URANIA CHEMICALS GMBH	OWN	
85 0.2600		18414	SPIESS-URANIA CHEMICALS GMBH	OWN	
G BINIBIST COLVEN					
5.1230					Footnote 1
5.2120					Footnote 2
5.2240					Footnote 2
5.2410					Footnote 2
5.4100					Footnote 2
5.4200					Footnote 2
la[5.4300]					Footnote 2
35.4400					Footnote 2
35.6100					Footnote 1
-1086		- 86701	AMERICAN CHEMISTRY COUNCIL	PAY	
-1087		4   35601	AMERICAN CHEMISTRY COUNCIL	PAY	
SS-1082	treasurability on a court to see venues and	000 000 000 000 000 000 000 000 000 00	AMERICAN CHEMISTRY COUNCIL	PAY	
85 <u> </u>	Aquatic Invertebrate Acute Toxicity				Footnote 3
850-1025	Oyeter Acute Toxicity Test				Footnote 3
550 1025	TVI YOR ATOMIC TOATOMY TOST				Footnote 1

Signature		Name and Title	Date	7
	Kochel Hendler	Rachel L Hardie, Agent	<b>November 6, 2020</b>	_



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Ingredient: Basic Copper Carbonate (PC Code 22901)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1075	Freshwater and Saltwater Fish Acute Tox	icity Test			Footnote 3
R50.1300	Augustic investebrate life cycle				Footnote 1
8.7.13.7	Saltwater Invertebrate Life Cycle				Footnote 1
8,0,14,0	Fish Early Life Stage Toxicity Test				Footnote 1
30/2/00	Avien Acate Ocal Toxicity Test	67456	BOLIDEN INTERTRADE INC	OLD	
		512	BOLIDEN INTERTRADE INC	OLD	
50 200		436	BOLIDEN INTERTRADE INC	OLD	
50.0000		731 100	COPPER SULFATE TASK FORCE	OLD	
		380	COPPER SULFATE TASK FORCE	OLD	
		963	COPPER SULFATE TASK FORCE	OLD	
503420		- 1647	COPPER SULFATE TASK FORCE	OLD	
		647	COPPER SULFATE TASK FORCE	OLD	
8 10 18 18 0					Footnote 4
E-0.400					Footnote 5
8-0-4-50					Footnote 5
8 10 00		- 636	COPPER SULFATE TASK FORCE	OLD	
		636	COPPER SULFATE TASK FORCE	OLD	
		636	COPPER SULFATE TASK FORCE	OLD	
		636	COPPER SULFATE TASK FORCE	OLD	
		636 8 4 8	COPPER SULFATE TASK FORCE	OLD	
8 10 + 10	Algal Loxicity				Footnote 1
[					Footnote 1
E 0 > 00	Environmental Chemistry Methods and I	ndependent 410038	COPPER SULFATE TASK FORCE	OLD	
	Laboratory Validation	41003802	COPPER SULFATE TASK FORCE	OLD	
		04	COPPER SULFATE TASK FORCE	OLD	
1			COPPER SULFATE TASK FORCE	OLD	

Signature		Name and Title	Date 2
	(Kachel THerden	Rachel L Hardie, Agent	November 6, 2020



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Ingredient: Basic Copper Carbonate (PC Code 22901)		

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1870.8100	90-7-0-0-17-0-1-1-1-1-1-1-1-1-1-1-1-1-1-1	58020	INNOVATIVE WATER CARE, LLC	OLD	
		75116	KENNECOTT COPPER CORPORATION	OLD	
374.3201	91. Day Demoi - Robbit/Rot	463.642.07	GRIFFIN LLC	OLD	
[ 70,3700	Prenatal Developmental Toxicity Study	44127337	GRIFFIN LLC	OLD	
		441275 (0)	GRIFFIN LLC	OLD	
		775	KOCIDE LLC	OLD	
		4 775 2	KOCIDE LLC	OLD	
[8 70 8 00					Footnote 1
8 70 8 00		10			Footnote 1
E (0 - 100					Footnote 1
[8 0 10 00		5218	NUTRITION & BIOSCIENCES USA 1, LLC	OLD	
7-70/5000, 81-15					Footnote 1
70,5285,811.5					Footnote 1
//0.00000					Footnote 1
70/74/85		408	MCCALL CHEMICAL CO. OF CANADA, LTD.	OLD	
75.1.00					Footnote 1
75.200					Footnote 1
8/15/24/10	Dennis Exposure	740	GRIFFIN LLC	OLD	
83-23					Footnote 4
LS- 4					Footnote 4
SF1233	Honey Dee Heate Larvai				Footnote 4

Signature		Name and Title	<b>Date</b>
	(Kachel TKirdler	Rachel L Hardie, Agent	November 6, 2020 4

Footnote 6
Footnote 6



#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

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Ingredient: Basic Copper Carbonate (PC Code 22901)		
		Footnote 6
Desides Analysis d Make a		Footnote 6
		Footnote 6
Meabliful Somisyleges		Footnote 6

#### Footnotes:

- 1. As per USEPA RED for Coppers, May 2009, no data has been submitted. EPA has not required these studies through data call-in either. Therefore, it is requested that this requirement be waived.
- 2. Not applicable: Copper is an element and will not be affected by these processes; thus these studies are not required. (USEPA RED for Coppers, May 2009)
- 3. No existing data submitted to EPA. The Agency used the Biotic-Ligand Model (Windows Version 2.0.0, 4/13) to assess exposure and toxicity to potentially exposed organisms. (USEPA RED for Coppers, May 2009) Therefore, it is requested that this data requirement be waived.
- 4. The main exposure route for pollinators to be exposed from antimicrobial uses would be through treated wood products. Since copper is practically non-toxic to honeybees on an acute basis (LD50 > 100 μg ai/bee), the risk is expected to be negligible for antimicrobial use patterns (USEPA Coppers: Ecological Risk Assessment and Effects Determination for Registration Review, June 2016). It is therefore requested that the Agency waive this requirement.
- 5. No data is required for seedling emergence or vegetative vigor are required, as it appears unlikely that copper would pose a risk to terrestrial plants (USEPA RED for Coppers, May 2009). Therefore, it is required that the Agency waive this requirement.
- 6. Product is not registered for food use and therefore these data are not needed.

Signature		Name and Title	Date <b>5</b>
	Rockel THerden	Rachel L Hardie, Agent	November 6, 2020